

10/589709

IAP11 Rec'd PCT/PTO 17 AUG 2005

Practitioner's Docket No. 701586-054982US

IN THE UNITED STATES RECEIVING OFFICE

International Application Number	International Filing Date	International Earliest Priority Date
PCT/US2005/005255	18 February 2005 (18.02.2005)	18 February 2004 (18.02.2004)

TITLE OF INVENTION: METHOD FOR DETECTING AND QUANTIFYING RARE
MUTATIONS/POLYMORPHISMS

APPLICANT FOR DO/US/RO: CANTOR, et al.

<p align="center">CERTIFICATE OF MAILING UNDER 37 CFR 1.10</p> <p>I hereby certify that, on <u>17</u> August, 2006 I deposited, with the United States Postal Service, in an envelope "Express Mail, Post Office to Addressee," bearing Label Number EV653003950US, addressed to the "MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria</p> <p>Date: <u>8/17/06</u> <u><i>Lisa Michelle Pittsley</i></u> Signature</p>	
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MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.56, 1.97, and 1.98, Applicants wish to bring to the Examiner's attention the following references, References A1-A2 and C1-C2 cited in the attached Form 1449-SB08. Copies of US publications and/or patents are no longer required and therefore are not being submitted herewith.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed:

- X (1) within three (3) months of the Filing Date or **before the mailing date of the First Office Action** on the merits; or
- (2) within three months of the mailing date of the PCT International Search Report;
or

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- (3) after the period defined in (1) but before the mailing date of a **Final Rejection** or **Notice of Allowance**, and the requisite Certification or fee under Rule 1.17(p), namely **\$180.00**, is included herein; or
- (4) after the mailing date of a **Final Rejection** or **Notice of Allowance** but before the payment of the **Issue Fee**, and the requisite Certification, petition, and petition fee are included herein.

X A copy of the International Search Report is enclosed herewith.

It is respectfully requested that each of the documents shown on the attached form(s) 1449 be made of record in this application.

Copies of these documents (CHECK ONE):

X are enclosed herewith; or


X have been cited in the parent application, and are thus not being resubmitted herein.

FEE AUTHORIZATION

The Commissioner is authorized to charge fee deficiencies or credit overpayments associated with this submission to the NIXON PEABODY LLP Deposit Account No. 19-2380.

Date: 17 August, 2006

Respectfully submitted,


Ronald I. Eisenstein (Reg. No. 30,628)
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Substitute for form 1449A/PTO SB/08a INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number Not yet assigned Filing Date Not yet assigned First Named Inventor CANTOR, et al. Art Unit Not yet assigned Examiner Name Not yet assigned Attorney Docket Number 701586-054982US	
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1	US-20030017487	01-23-2003	Xue, et al.	
	A2	US-20020025532	02-28-2002	Huang, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	B1	WO 01/68913	09-20-2001	Genset		

Examiner Signature		Date Considered	
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¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO SB/08a				IAP11 Rec'd PCT/PTO 17 AUG 2006 Application Number: Not yet assigned Filing Date: Not yet assigned First Named Inventor: CANTOR, et al. Art Unit: Not yet assigned Examiner Name: Not yet assigned Attorney Docket Number: 701586-054982US	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					
Sheet	2	of	2		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	C1	Landegren, et al., "Reading Bits of Genetic Information: Methods for single-Nucleotide Polymorphism Analysis," <i>Genome Research</i> , Vol. 8: 769-776, 1998.		
	C2	Ding, et al., "A high-throughput gene expression analysis technique using competitive PCR and matrix-assisted laser desorption ionization time-of-flight MS," <i>PNAS</i> , Vol. 100; No. 6: 3059-3064, 2003.		
	C3			
	C4			
	C5			
	C6			
	C7			

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.